

FILEID**DSPHL

B 13

DSPF
V04-

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```
1 0001 0 MODULE DSPHL ( !  
2 0002 0 IDENT = 'V04-000'  
3 P 0003 0 %BLISS32[,  
4 P 0004 0 ADDRESSING_MODE(INTERNAL=LONG_RELATIVE,NONEXTERNAL=LONG_RELATIVE)  
5 0005 0 ]  
6 0006 0 ) =  
7 0007 1 BEGIN  
8 0008 1 *****  
9 0009 1 *  
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28 0028 1 *  
29 0029 1 *  
30 0030 1 *****  
31 0031 1  
32 0032 1 ++  
33 0033 1  
34 0034 1  
35 0035 1 FACILITY: DSR (Digital Standard RUNOFF) / DSRPLUS  
36 0036 1  
37 0037 1 ABSTRACT: Processes the .DISPLAY LEVELS command.  
38 0038 1  
39 0039 1  
40 0040 1 ENVIRONMENT: Transportable  
41 0041 1  
42 0042 1 AUTHOR: R.W.Friday CREATION DATE: May, 1979  
43 0043 1
```

Revision History

D 13
16-Sep-1984 00:21:50
14-Sep-1984 13:06:02
VAX-11 Bliss-32 v4.0-742
DISK\$VMSMASTER:[RUNOFF.SRC]DSPHL.BLI;1 Page 2 (2)
**F1

45 0044 1 %SBTTL 'Revision History'
46 0045 1
47 0046 1 MODIFIED BY:
48 0047 1
49 0048 1 002 KFA00002 Ken Alden 07-Mar-1983
50 0049 1 Global edit of all modules. Updated module names, idents,
51 0050 1 copyright dates. Changed require files to BLISS library.
52 0051 1
53 0052 1 --

Module Level Declarations

E 13
16-Sep-1984 00:21:50
14-Sep-1984 13:06:02
VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[RUNOFF.SRC]DSPHL.BLI:1 Page 3 (3)

```
55 0053 1 %SBTTL 'Module Level Declarations'  
56 0054 1  
57 0055 1 TABLE OF CONTENTS:  
58 0056 1  
59 0057 1  
60 0058 1  
61 0059 1 INCLUDE FILES:  
62 0060 1  
63 0061 1  
64 0062 1 LIBRARY 'NXPORT:XPORT'; ! XPORT Library  
65 0063 1 REQUIRE 'REQ:RNODEF'; ! RUNOFF variant definitions  
66 0194 1  
67 U 0195 1 %IF DSRPLUS %THEN  
68 U 0196 1 LIBRARY 'REQ:DPLLIB'; ! DSRPLUS BLISS Library  
69 0197 1 %ELSE  
70 0198 1 LIBRARY 'REQ:DSRLIB'; ! DSR BLISS Library  
71 0199 1 %FI  
72 0200 1  
73 0201 1  
74 0202 1 MACROS:  
75 0203 1  
76 0204 1  
77 0205 1  
78 0206 1 EQUATED SYMBOLS:  
79 0207 1  
80 0208 1  
81 0209 1  
82 0210 1 OWN STORAGE:  
83 0211 1  
84 0212 1  
85 0213 1  
86 0214 1 EXTERNAL REFERENCES:  
87 0215 1  
88 0216 1 EXTERNAL  
89 0217 1 IRA : FIXED STRING,  
90 0218 1 HLDSP : VECTOR [MAX_LEVELS];  
91 0219 1  
92 0220 1 EXTERNAL ROUTINE  
93 0221 1 GETDD,  
94 0222 1 RSKIP$,  
95 0223 1 SKPSEP;
```

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: 0224 1 GLOBAL ROUTINE DSPHL (HANDLER) : NOVALUE =      !
: 0225 1
: 0226 1 ++ FUNCTIONAL DESCRIPTION:
: 0227 1 See the ABSTRACT for a general description.
: 0228 1
: 0229 1 FORMAL PARAMETERS:
: 0230 1
: 0231 1     HANDLER is a dummy parameter passed for conformance only.
: 0232 1
: 0233 1 IMPLICIT INPUTS:      None
: 0234 1
: 0235 1 IMPLICIT OUTPUTS:    None
: 0236 1
: 0237 1 ROUTINE VALUE:      None
: 0238 1 COMPLETION CODES:    None
: 0239 1
: 0240 1 SIDE EFFECTS:      None
: 0241 1
: 0242 1
: 0243 1
: 0244 1 ---
: 0245 1
: 0246 2 BEGIN
: 0247 2 LOCAL
: 0248 2     DISPLAY_CODE;
: 0249 2
: 0250 2 !Skip spaces and tabs before the first display descriptor.
: 0251 2 RSKIP (IRA);
: 0252 2
: 0253 2 !Attempt to get and process enough display descriptors to define
: 0254 2 !the display characteristics of all header levels.
: 0255 2 INCR I FROM 0 TO (MAX_LEVELS - 1) DO
: 0256 3     BEGIN
: 0257 3
: 0258 3     CASE GETDD (DISPLAY_CODE) FROM -1 TO 1 OF
: 0259 3         SET
: 0260 3
: 0261 3         [-1] :
: 0262 3             RETURN;                                !Quit if an error is detected
: 0263 3
: 0264 3         [0] :
: 0265 3             0;                                  !Skip over empty positions
: 0266 3
: 0267 3         [+1] :
: 0268 3             HLDSP [.I] = .DISPLAY_CODE;          !Save this display code
: 0269 3
: 0270 3             TES;
: 0271 3
: 0272 3             !Skip a separator to position to next descriptor
: 0273 3             IF .I NEQ (MAX_LEVELS - 1)
: 0274 3             THEN
: 0275 3                 SKPSEP (IRA);
: 0276 3
: 0277 3             END
: 0278 3
: 0279 1     END;                                    !End of DSPHL
```

				.TITLE	DSPHL	
				.IDENT	\V04-000\	
				.EXTRN	IRA, HLDSP, GETDD	
				.EXTRN	RSKIPS, SKPSEP	
				.PSECT	\$CODE\$, NOWRT, 2	
				.ENTRY	DSPHL, Save R2, R3	0224
			53 00000000G EF	MOVAB	IRA, R3	
			5E	04 C2 00009	SUBL2	#4, SP
				53 DD 0000C	PUSHL	R3
			00000000G EF	01 FB 0000E	CALLS	#1, RSKIPS
				52 D4 00015	CLRL	I
				5E DD 00017	PUSHL	SP
			02 00000000G EF	01 FB 00019	CALLS	#1, GETDD
			FF FFFF FFFF 8F	50 CF 00020	CASEL	R0, #-1, #2
0007			0000F	0021 00028	.WORD	6\$-2\$, -
						4\$-2\$, -
						3\$-2\$
				04 0002E	RET	
			00000000GEF42 05	6E D0 0002F	MOVL	DISPLAY_CODE, HLDSP[I]
			05	52 D1 00037	CMPL	I, #5
				09 13 0003A	BEQL	5\$
				53 DD 0003C	PUSHL	R3
			00000000G EF	01 FB 0003E	CALLS	#1, SKPSEP
			CE	52 05 F3 00045	AOBLEQ	#5, I, 1\$
				04 00049	RET	
				6\$:		
				7\$:		
				8\$:		
				9\$:		

; Routine Size: 74 bytes, Routine Base: \$CODE\$ + 0000

: 153 0280 1 END !End of module
: 154 0281 0 ELUDOM

PSECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	74	NOVEC,NOWRT, RD , EXE,NOSHR, LCL, REL, CON,NOPIC,ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
-\$255\$DUA28:[SYSLIB]XPORT.L32;1	590	0	0	252	00:00.2
-\$255\$DUA28:[RUNOFF.SRC]DSRLIB.L32;1	1248	2	0	86	00:00.2

COMMAND QUALIFIERS

: BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LIS\$:DSPHL/OBJ=OBJ\$:DSPHL MSRC\$:DSPHL/UPDATE=(ENH\$:DSPHL)

: Size: 74 code + 0 data bytes
: Run Time: 00:02.8
: Elapsed Time: 00:10.0
: Lines/CPU Min: 6021
: Lexemes/CPU-Min: 8421
: Memory Used: 27 pages
: Compilation Complete

0339 AH-BT13A-SE
VAX/VMS V4.0

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